CLAIMS

1. A resin crystallization promoter comprising fine carbon fiber, each fiber filament of the carbon fiber having a diameter of 0.001 μm to 5 μm and an aspect ratio of 5 to 15,000.

2. The resin crystallization promoter as claimed in claim 1, wherein the fine carbon fiber is vapor grown carbon fiber.

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- 3. The resin crystallization promoter as claimed in claim 2, wherein the vapor grown carbon fiber contains boron in an amount of 0.001 to 5 mass%.
- 4. A resin composition comprising a resin crystallization promoter as claimed in any of claims 1 to 3, and a resin.
 - 5. The resin composition as claimed in claim 4, wherein the resin is a thermoplastic resin.

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- 6. The resin composition as claimed in claim 5, wherein the thermoplastic resin is an amorphous thermoplastic resin.
- 7. The resin composition as claimed in claim 5, wherein the thermoplastic resin is a resin containing a polymer including a structural unit having an aromatic group as a repeating unit.

8. The resin composition as claimed in claim 5, wherein the thermoplastic resin is any species selected among polystyrene, polycarbonate, polyarylate, polysulfone, polyetherimide,

- polyethylene terephthalate, polyphenylene oxide, polyphenylene sulfide, polybutylene terephthalate, polyimide, polyamide-imide and polyether-ether-ketone; or a mixture thereof.
- 9. The resin composition as claimed in any of claims 4 to 8, which, when subjected to differential scanning calorimetry (DSC), exhibits an endothermic/exothermic peak which is not associated with change in mass at a temperature other than the glass transition point of the resin.

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- 10. The resin composition as claimed in any of claims 4 to 8, which, when subjected to differential scanning calorimetry (DSC), exhibits an endothermic/exothermic peak attributed to melting or crystallization of the composition, wherein the
- peak is higher or the peak shifts to a higher temperature region, as compared with the case of a resin composition which does not contain the resin crystalline promoter as claimed in any of claims 1 to 3.
- 25 11. The resin composition as claimed in any of claims 4 to 8, which, when subjected to X-ray diffractometry, exhibits a peak attributed to the resin, and a peak attributed to

orderly arrangement of a resin structure.

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12. The resin composition as claimed in any of claims 4 to 8, wherein, in X-ray diffractometry, the half width of the band of the diffraction angle (20) corresponding to a peak attributed to orderly arrangement of a resin structure is 5° or less.

- 13. The resin composition as claimed in any of claims 4 to 8, wherein the content of the resin crystallization promoter is 0.1 to 80 mass%.
- 14. A method for producing a resin composition having a crystallized and orderly arranged structure, characterized by comprising kneading the crystallization promoter as claimed in claim 1 or 2 with a resin, and subsequently subjecting the resultant mixture to annealing at a temperature equal to or higher than the glass transition point of the resin.
- 20 15. An electrically conductive material comprising the resin composition as claimed in any of claims 4 to 13.
 - 16. A thermally conductive material comprising the resin composition as claimed in any of claims 4 to 13.
 - 17. A material exhibiting tribological characteristics comprising the resin composition as claimed in any of claims

4 to 13.

18. A mechanism part comprising the resin composition as claimed in any of claims 4 to 13.